

Cc: Ruhl, Christopher[Ruhl.Christopher@epa.gov]; Williams, Laura[williams.laura@epa.gov]; Foster, Althea[Foster.Althea@epa.gov]; Dunkelman, Tom[Dunkelman.Tom@epa.gov]; Grantham, Nancy[Grantham.Nancy@epa.gov]; Gray, David[gray.david@epa.gov]
To: Cheatham, Reggie[cheatham.reggie@epa.gov]
From: Ostrander, David
Sent: Wed 9/9/2015 7:28:28 PM
Subject: Fwd: GKM Technical Subcommittee- Introducing Ken Williams and Heidi Steltzer

Reggie, Marcie is the director of the institute. Below you will see contact information and a web site. FYI, we do have a contract with MSI to support studies through this response organization.

Sent from my iPad

Begin forwarded message:

From: Marcie Demmy Bidwell <marcie@mountainstudies.org>
Date: September 8, 2015 at 2:44:55 PM MDT
To: Peter Foster <pfoster@wrightwater.com>, Ann Oliver <[REDACTED] Personal Email/Ex. 6>, Chris Theel <christopher.theel@state.co.us>, Curtis Hartenstine <charten@southernute-nsn.gov>, Elizabeth Fagen <fagen.elizabeth@epa.gov>, "Patrick Pfaltzgraff" <patrick.j.pfaltzgraff@state.co.us>, Peter Butler <[REDACTED] Personal Email/Ex. 6>, Steve Wharton <wharton.steve@epa.gov>, Tom Johnson <tojohns@southernute-nsn.gov>, Tom McNamara <Thomas.McNamara@co.laplata.co.us>, Trevor Denney <trevor.denney@state.co.us>, "Ron.LeBlanc@durangogov.org" <Ron.LeBlanc@durangogov.org>, "hestmark.martin@epa.gov" <hestmark.martin@epa.gov>, "ostrander.david@epa.gov" <ostrander.david@epa.gov>, Ken Williams <khwilliams@lbl.gov>, "Steltzer, Heidi" <Steltzer_H@fortlewis.edu>, "way.steven@epamail.epa.gov" <way.steven@epamail.epa.gov>, "r8eisc@epa.gov" <r8eisc@epa.gov>, "Wall, Dan" <wall.dan@epa.gov>, Scott Roberts <scott@mountainstudies.org>
Subject: RE: GKM Technical Subcommittee- Introducing Ken Williams and Heidi Steltzer

Hello Sean McGrath, Dave Ostrander, Pete Foster, Ann Oliver, Chris Theel, Curtis Hartenstine, Liz Fagen, Pat Pfaltzgraff, Peter Butler, Steve Wharton, Tom Johnson, Tom McNamara, Trevor Denney, Ron LeBlanc, Martin Hestmark, Heidi Steltzer, Ken Williams, and Dan Wall,

~(Please accept my apologies for not completing the full introduction header in my previous email)~

I would like to make an introduction to Ken Williams, the Environmental Remediation and

Water Resources Program lead, Department of Energy, Lawrence Berkeley National Laboratory. Ken's program is interested in contributing to this group's efforts to track the long term interactions of the heavy metals released in Animas River. He currently serves as a Lead for the Earth Sciences Division's Environmental Remediation and Water Resources Program and serves as the chief scientist and field site manager for the U.S. Department of Energy's Rifle, Colorado (USA) field station, which seeks to quantify coupled microbiological, geochemical, and hydrological processes that control elemental cycling within floodplain deposits along the Colorado River corridor. Heidi Steltzer, FLC Biology and Public Health faculty, introduced me to Ken as they collaborated on a large scale river study this summer near Crested Butte, tracing how chemicals and heavy metals move through a river system, including surface water, groundwater, sediments, and upland vegetation. Heidi and a great group of Fort Lewis faculty are also interested in supporting long term research related to the spill and how our community is addressing resiliency going forward.

Ken is interested in establishing a companion site in the Animas River, as the recent release would enable a great large-scale tracer study using the signatures from the mine sites and released chemicals as they move through the system.

I will let Ken present his ideas and the potentials for collaboration. I am also sending Ken an email with a brief introduction to each of you, and your role in the Animas Response and Recovery, but I will spare you the long email.

Let me now if you have any questions, and I hope that this introduction may bear some collaborative fruit.

Marcie Bidwell and Scott Roberts, MSI

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Executive Director

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MSI moved to the Smiley Building- Stop by and visit us at our new address!